

Table 1

| Code | Protein* | Organism | Accession** | Reference | Author/Assignee |
|---------|----------|-----------------------------|-------------|----------------|-------------------|
| Sc-03 | RFS | <i>Beta vulgaris</i> | E37133 | 09/301,766 | Sumitomo Chemical |
| Sc-05 | RFS | <i>Brassica juncea</i> | E36417 | 09/301,766 | Sumitomo Chemical |
| Sc-02 | RFS | <i>Vicia faba</i> | E24423 | 08/992,914 | Sumitomo Chemical |
| Sc-04 | RFS | <i>Glycine max</i> | E24424 | 08/992,914 | Sumitomo Chemical |
| Aj-05 | RFS | <i>Cucumis sativus</i> | AF073744 | Family GH36*** | Ohsumi et al. |
| PsRFS | RFS | <i>Pisum sativum</i> | AJ426475 | Family GH36 | Peterbauer et al. |
| HvSIP | SIP | <i>Hordeum vulgare</i> | M77475 | Family GH36 | Heck et al. |
| PsSTS-1 | STS | <i>Pisum sativum</i> | AJ311087 | Family GH36 | Peterbauer et al. |
| PsSTS-2 | STS | <i>Pisum sativum</i> | AJ512932 | Family GH36 | Peterbauer et al. |
| VaSTS | STS | <i>Vigna angularis</i> | Y19024 | Family GH36 | Peterbauer et al. |
| AmSTS | STS | <i>Alonsoa meridionalis</i> | AJ487030 | Family GH36 | Voitsekhovskaja |
| SsSTS | STS | <i>Stachys affinis</i> | AJ344091 | Family GH36 | Pesch and Schmitz |

*Protein: RFS, Raffinose synthase; SIP, Seed Imbibition Protein; STS, Stachyose synthase.

**Accession: GenBank Accession Number.

***Family GH36: glycoside hydrolase family 36 (see Carbohydrate-Active Enzymes (CAZY) database: http://afmb.cnrs-mrs.fr/CAZY/GH_36.html)

[GENETYX : Evolutionary tree]
Date : 2004.2.4
Method: UPGMA

